

CESO-E

DEPARTMENT OF THE ARMY  
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Change 3

Manual  
No. 385-1-1

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Safety and Occupational Health  
**SAFETY AND HEALTH REQUIREMENTS MANUAL**  
2008 EDITION

1. The changes contained herein shall be considered effective as of 1 June 2010. For all contracts whose date of solicitation is 1 June 2010 or later, this Change #3 is in effect. All underlined wording is specific to this change.

These changes are being made: to eliminate redundant and additional policy for use of automatic-inflatable PFDs by government personnel (rescinds USACE's Auto-Inflatable Personal Flotation Device, Standards of Use Procedures, dated 1 July 2007); to update our requirements and references to USCG and industry standards; to clarify requirements.

2. This Change 3 affects the following paragraphs:

- a. 05.F.01: Make reference correction;
- b. 05.J.02: Replace existing 05.J.02.a-f paragraphs with new 05.J.02.a-g paragraphs;
- c. 05.J.03: Replace existing 05.J.03 paragraph with new 05.J.03, 05.J.03.a and 05.J.03.b;
- d. 05.J.06.d: Insert new 3<sup>rd</sup> sentence.

3. Make corrections to the following paragraphs.

- a. Paragraph 05.F.01: Replace "ANSI/ISEA 07-2004" with "ANSI/ISEA 107-2004." It will read:

05.F.01 High-visibility apparel meeting, at minimum, ANSI/ISEA 107-2004 Performance Class 2 requirements, shall be worn by workers (such as, but not limited to, signal persons, spotters, survey crews and inspectors) whenever:...

- b. Paragraphs 05.J.02.a-f: Replace existing with new 05.J.02.a-g as below:

**05.J PERSONAL FLOTATION DEVICES**

05.J.02 Automatic-Inflatable PFDs Type V or better, USCG-approved for Commercial Use, may be worn by workers in lieu of inherently buoyant PFDs (See conditions 05.J.01.a-e above), provided the following criteria is met:

a. PFDs are worn only by workers over 16 years of age and those who weigh 90 lb (40.8 kg) or more;

b. An AHA shall be developed for the intended activity and shall be used to select the most appropriate PFD for the activity;

c. PFDs must be inspected, maintained, stowed and used in accordance with the manufacturer's instructions. PFDs used in heavy construction or maintenance activities or where hot work (welding, brazing, cutting, soldering, etc.) is to be performed must be designed, tested and certified by the manufacturers for this type of work;

**NOTE: The standard commercial auto-inflatable PFD does not meet these requirements.**

d. PFDs shall provide a 30-pound minimum buoyancy post-deployment and shall have a status indicator window;

e. Personnel shall be trained in the use, maintenance, restrictions, care, storage, inspection and post-deployment procedures per manufacturer's instructions;

f. The USCG-approval for auto-inflatable PFD's is contingent upon the PFD being worn, not stowed. All auto-inflatable PFDs must be worn at all times a drowning hazard exists.

g. In-water testing is required for all first time users to validate performance and to become familiar with the use and feel of the PFD.

c. Paragraph 05.J.03: Add wording and break out sub-paragraphs. It will read:

05.J.03 All wearable PFDs shall be of an international orange (or orange/red) or ANSI 107 yellow-green color.

a. Each inherently buoyant PFD shall have at least 31 in<sup>2</sup> (200 cm<sup>2</sup>) of retroreflective material attached to its front side and at

least 31 in<sup>2</sup> (200 cm<sup>2</sup>) on its back side, per USCG requirements (46 CFR Part 25.25-15).


b. Each auto-inflatable PFD shall have at least 31 in<sup>2</sup> (200 cm<sup>2</sup>) of retroreflective material attached to its front side (with the exception of Work Vests, which are allowed to have a total of 31 in<sup>2</sup> front and back, combined) and at least 31 in<sup>2</sup> (200 cm<sup>2</sup>) on its bladder, to be visible when deployed.

d. Paragraph 05.J.06.d: Insert new 3<sup>rd</sup> sentence: "The lifeline on these throwable devices shall be stored in such a manner as to allow immediate deployment and will be protected from degradation from weather and sunlight." It will read:

05.J.06.d. Life rings (rope attachment not required) and ring buoys (rope attachment required) shall be USCG-approved; shall have at least 70 ft (21.3 m) of 3/8 in (0.9 cm) of attached solid braid polypropylene, or equivalent. Throw bags may be used in addition to life rings or ring buoys. These throwable devices and lifelines shall be inspected at a minimum, every 6 months and shall be stored in such a manner as to allow immediate deployment and will be protected from degradation from weather and sunlight. Life rings or ring buoys shall be readily available and shall be provided at the following places:

4. File this change sheet in front of the publication for reference purposes.

FOR THE COMMANDER:

  
STEPHEN L. HILL  
Colonel, Corps of Engineers  
Chief of Staff